ELSEVIER

Fuzzy Sets and Systems 99 (1998) 363–364

FUZZY sets and systems

Author Index Volume 99 (1998)

Ajmal, N. and **K.V. Thomas,** The join of fuzzy algebraic substructures of a group and their lattices (2) 213–224
Ammar, E.E., On some basic notions of fuzzy parametric nonsmooth multiobjective nonlinear fractional programming problems (3) 291–301
Antonsson, E.K., *see* M.J. Scott (3) 253–264

Bai Shi-Zhong and **W.-L. Wang,** I Type of strong connectivity in L-fuzzy topological spaces (3) 357–362
Bhattacharyya, M., Fuzzy Markovian decision process (3) 273–282
Biswas, R., *see* K. Chakrabarty (1) 111–114
Buckley, J.J. and **Y. Hayashi,** Applications of fuzzy chaos to fuzzy simulation (2) 151–157

Chakrabarty, K., R. Biswas and **S. Nanda,** On fuzzy metric spaces (1) 111–114
Chen, D.-G., Properties of the T-fuzzy factor groups (2) 187–192
Chen, M. and **D.A. Linkens,** A hybrid neuro-fuzzy PID controller (1) 27– 36
Collewet, C., G. Rault, S. Quellec and **P. Marchal,** Fuzzy adaptive controller design for the joint space control of an agricultural robot (1) 1– 25

Díaz, M.L. and **M.A. Gil,** The λ-average value and the fuzzy expectation of a fuzzy random variable (3) 347–352
De Baets, B., B. Van de Walle and **E. Kerre,** A plea for the use of Łukasiewicz triplets in the definition of fuzzy preference structures (II). The identity case (3) 303–310
Diamond, P., P. Kloeden and **A. Vladimirov,** Spikes, broken planes and the approximation of convex fuzzy sets (2) 225–232
Drakopoulos, J.A. and **B. Hayes-Roth,** tFPR: A fuzzy and structural pattern recognition system of multi-variate time-dependent pattern classes based on sigmoidal functions (1) 57– 72

Fan, Z.-T. and **D.-F. Liu,** On the power sequence of a fuzzy matrix (III). A detailed study on the power sequence of matrices of commonly used types (2) 197–203
Fang, S.-C., *see* C.-F. Hu (2) 233–240

Gil, M.A., *see* M.L. Díaz (3) 347–352
Goetschel Jr., R.H. and **W. Voxman,** Intersecting fuzzy hypergraphs (1) 81– 96
Guely, F., *see* P. Siarry (1) 37– 47

Hayashi, K., *see* A. Otsubo (3) 265–272
Hayashi, Y., *see* J.J. Buckley (2) 151–157
Hayes-Roth, B., *see* J.A. Drakopoulos (1) 57– 72
Henne, M., *see* A. Kandel (3) 241–251
Hong, J., *see* Wang Xizhao (3) 283–290
Hu, C.-F. and **S.-C. Fang,** Solving fuzzy inequalities with concave membership functions (2) 233–240

Imai, H., K. Kikuchi and **M. Miyakoshi,** Unattainable solutions of a fuzzy relation equation (2) 193–196
Irion, A., Fuzzy rules and fuzzy functions: A combination of logic and arithmetic operations for fuzzy numbers (1) 49– 56

Jang, L.-C. and **J.-S. Kwon,** A uniform strong law of large numbers for partial sum processes of fuzzy random variables indexed by sets (1) 97–103
Jenei, S., On Archimedean triangular norms (2) 179–186
Jeong, J.U., *see* J.Y. Park (1) 115–120

Kandel, A. and **Y.-Q. Zhang,** Fuzzy moves (2) 159–177
Kandel, A., Y.-Q. Zhang and **M. Henne,** On the use of fuzzy logic technology in operating systems (3) 241–251
Kerre, E., *see* E. Tsiporkova (3) 325–346
Kerre, E., *see* B. De Baets (3) 303–310
Kikuchi, K., *see* H. Imai (2) 193–196
Kloeden, P., *see* P. Diamond (2) 225–232
Kwon, J.-S., *see* L.-C. Jang (1) 97–103

Lee, K.H. and **J.N. Mordeson,** Fractionary fuzzy ideals and Dedekind domains (1) 105–110

Elsevier Science B.V.

Linkens, D.A., *see* M. Chen (1) 27– 36
Liu, D.-F., *see* Z.-T. Fan (2) 197–203
Lowen, R. and **W. Peeters**, Distances between fuzzy sets representing grey level images (2) 135–149

Maeda, M., *see* A. Otsubo (3) 265–272
Marchal, P., *see* C. Collewet (1) 1– 25
Mesiar, R. and **J. Rybárik**, Entropy of fuzzy partitions: A general model (1) 73– 79
Miyakoshi, M., *see* H. Imai (2) 193–196
Mordeson, J.N., *see* K.H. Lee (1) 105–110
Murakami, S., *see* A. Otsubo (3) 265–272
Murofushi, T., *see* M. Sugeno (2) 205–211

Nanda, S., *see* K. Chakrabarty (1) 111–114
Narukawa, Y., *see* M. Sugeno (2) 205–211
Nuray, F., Lacunary statistical convergence of sequences of fuzzy numbers (*Short Communication*) (3) 353–355

Otsubo, A., K. Hayashi, S. Murakami and **M. Maeda**, Fuzzy hybrid control using simplified indirect inference method (3) 265–272

Park, J.Y. and **J.U. Jeong**, Generalized strongly quasivariational inequalities for fuzzy mappings (1) 115–120
Pedrycz, W. and **Z.A. Sosnowski**, Fuzzy object-oriented system design (2) 121–134
Peeters, W., *see* R. Lowen (2) 135–149

Quellec, S., *see* C. Collewet (1) 1– 25

Rault, G., *see* C. Collewet (1) 1– 25
Rybárik, J., *see* R. Mesiar (1) 73– 79

Scott, M.J. and **E.K. Antonsson**, Aggregation functions for engineering design trade-offs (3) 253–264
Siarry, P. and **F. Guely**, A genetic algorithm for optimizing Takagi–Sugeno fuzzy rule bases (1) 37– 47
Sosnowski, Z.A., *see* W. Pedrycz (2) 121–134
Sugeno, M., Y. Narukawa and **T. Murofushi**, Choquet integral and fuzzy measures on locally compact spaces (2) 205–211

Thomas, K.V., *see* N. Ajmal (2) 213–224
Tsiporkova, E. and **E. Kerre**, Composition, cartesian and direct products of fuzzy multivalued mappings (3) 325–346

Van de Walle, B., *see* B. De Baets (3) 303–310
Vladimirov, A., *see* P. Diamond (2) 225–232
Voxman, W., *see* R.H. Goetschel (1) 81– 96

Wang Xizhao and **J. Hong**, On the handling of fuzziness for continuous-valued attributes in decision tree generation (3) 283–290
Wang, G.Y., *see* Q. Zhong (3) 311–324
Wang, W.-L., *see* Bai Shi-Zhong (3) 357–362

Zhang, Y., *see* Q. Zhong (3) 311–324
Zhang, Y.-Q., *see* A. Kandel (2) 159–177
Zhang, Y.-Q., *see* A. Kandel (3) 241–251
Zhong, Q., Y. Zhang and **G.Y. Wang**, Fuzzy random variable-valued exponential function, logarithmic function and power function (3) 311–324